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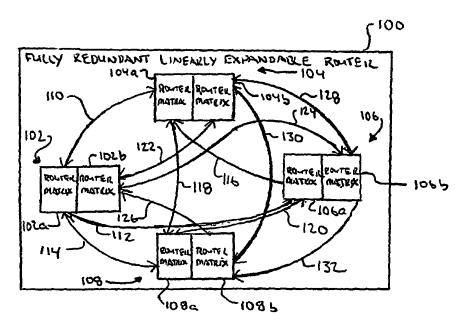
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(54) Title: BROADCAST ROUTER HAVING A SERIAL DIGITAL AUDIO DATA STREAM DECODER



(57) Abstract: A bi-phase decoder (296-1) suitable for use in a broadcast router (100) and an associated method for extracting subframes of digital audio data from a stream of digital audio data. Logical circuitry (298) within the bi-phase decoder (296) extracts subframes of the digital audio data by constructing a transition window from an estimated bit time, sampling the stream of digital audio data using a fast clock and applying the sampled stream of digital audio data to the transition window to identify transitions indicative of preambles of the subframes of digital audio data.

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U.S. : 704/501, 229, 230, 500, 219; 381/103, 94.4; 375/220, 377, 355					
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.		
Y	US 5,245,667 A (LEW) 14 September 1993, Figure 3		1-22		
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